

Approved at the  
department  
meeting  
Protocol 11  
12.01.2026

**LIST OF LECTURES  
in discipline “Normal physiology”  
for international students of the “General Medicine”  
Faculty studying in English  
2-nd Course, studying year, 2025/2026, spring term**

**Lecturer: Associate Professor T.G. Severina**

| <b>№</b>   | <b>Subject of the lecture</b>   | <b>Batch</b>                    | <b>Date</b> | <b>Week day</b> | <b>Time</b> | <b>Lecture hall #</b> |
|------------|---|---------------------------------|-------------|-----------------|-------------|-----------------------|
| 15<br>(1)  | Physiological properties and features of the myocardium   | 3                               | 09.02       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 10.02       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 09.02       | Mon             | 11.10-12.10 | 133                   |
| 16<br>(2)  | Regulation of blood circulation   | 3                               | 02.03       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 03.03       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 02.03       | Mon             | 11.10-12.10 | 133                   |
| 17<br>(3)  | Methods for studying cardiac activity. Electrocardiography  | <b>managed independent work</b> |             |                 |             |                       |
| 18<br>(4)  | Physiology of respiration. External respiration   | 3                               | 09.03       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 10.03       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 09.03       | Mon             | 11.10-12.10 | 133                   |
| 19<br>(5)  | Gas exchange in the lungs and tissues. Transport of gases by the blood  | 3                               | 16.03       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 17.03       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 16.03       | Mon             | 11.10-12.10 | 133                   |
| 20<br>(6)  | Regulation of respiration. Functional reserves of hemocardiorespiratory system in gas exchange                  | 3                               | 23.03       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 24.03       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 23.03       | Mon             | 11.10-12.10 | 133                   |
| 21<br>(7)  | Physiology of digestion. Regulation of eating behavior  | 3                               | 13.04       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 14.04       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 13.04       | Mon             | 11.10-12.10 | 133                   |
| 22<br>(8)  | Digestion in the duodenum. The role of bile in digestion. Digestion in the small and large intestine            | <b>managed independent work</b> |             |                 |             |                       |
| 23<br>(9)  | Substance and energy metabolism. Thermoregulation   | 3                               | 27.04       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 28.04       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 27.04       | Mon             | 11.10-12.10 | 133                   |
| 24<br>(10) | Physiology of excretion   | 3                               | 04.05       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 05.05       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 04.05       | Mon             | 11.10-12.10 | 133                   |
| 25<br>(11) | Innate and acquired forms of adaptation reactions of the human organism to the changing conditions of existence | 3                               | 11.05       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 12.05       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 18.05       | Mon             | 11.10-12.10 | 133                   |
| 26<br>(12) | Memory. Types of higher nervous activity  | <b>managed independent work</b> |             |                 |             |                       |
| 27<br>(13) | Higher integrative functions of the brain as the physiological basis of human mental functions                  | 3                               | 18.05       | Mon             | 13.20-14.20 | 4                     |
|            |   | 4                               | 19.05       | Tue             | 10.50-11.50 | 4                     |
|            |   | 5                               | 25.05       | Mon             | 11.10-12.10 | 133                   |
| 28<br>(14) | Thinking and speech. Pairing and functional asymmetry of the hemispheres  | <b>managed independent work</b> |             |                 |             |                       |

Head of the Department  
MD, professor

I.N. Semeninya